

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"20040183891".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:22
S2	2221	372/8,24,29.012,38.1-38.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:52
S3	394	(372/8,24,29.012,38.1-38.09.ccls.) and (buffer\$ or inverter\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/16 12:57
S4	662	(372/8,24,29.012,38.1-38.09.ccls.) and (buffer\$ or invert\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/18 11:21
S5	366	(372/8,24,29.012,38.1-38.09.ccls.) and ((buffer\$ or invert\$) with (power\$7 or suppl\$7 or Vcc or Vdd or ground\$ or Vee or transitor or terminal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/17 11:06
S13	2221	372/8,24,29.012,38.1-38.09.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/17 10:30
S14	229	(S13 or S7) and (referen\$5 same potent\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/17 10:30
S17	103	((372/8,24,29.012,38.1-38.09.ccls.)or S16) and (paras\$ with capac\$9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/18 15:28

## EAST Search History

S20	51	(372/8,24,29.012,38.1-38.09.ccls.) and ((buffer\$ or invert\$ or opamp or amplif\$7) with resist\$4 with parallel\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/18 11:23
S26	351	("372"/.clas. or 347/237,247.ccls.) and ((transm\$7 or data or line) same resist\$4 same parallel\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/18 15:28
S27	469	("372".clas. or 347/237,247.ccls.) and (paras\$ with capac\$9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/05/18 15:30

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1516	(372/24,26,29.014).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/14 09:18
S2	1135	(347/237,247).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/10 10:35
S3	2425	(372/24,26,29.014,29.01,38.02,38.04,38.07).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/10 10:53
S4	34	S3 and laser and modulat\$4 and driv\$4 and ((small or differ\$10) same signal) and pixel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/10 10:55
S5	7	("5050177"   "5138623"   "5784091"   "5946334"   "6259714"   "6282216").PN. OR ("6442183").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/03/14 08:32
S6	463	(372/24).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/14 09:36
S7	734	(372/25).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/14 09:36
S8	719	S7 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 10:26

## EAST Search History

S9	998	(372/26).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/16 11:32
S10	886	S9 not (S6 or S7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/14 10:29
S11	50	(US-20050140832-\$ or US-20050141573-\$ or US-20050041701-\$ or US-20040101001-\$ or US-20020071645-\$ or US-20050213623-\$ or US-20050089069-\$).did. or (US-5123024-\$ or US-5832012-\$ or US-6061372-\$ or US-6118798-\$ or US-6198497-\$ or US-6442183-\$ or US-5946334-\$ or US-5510922-\$ or US-4250465-\$ or US-6996141-\$ or US-6711183-\$ or US-6654391-\$ or US-5854805-\$ or US-5623359-\$ or US-5349595-\$ or US-5088095-\$ or US-5073981-\$ or US-5062113-\$ or US-4736380-\$ or US-4398129-\$ or US-6891149-\$ or US-6665111-\$ or US-6055252-\$ or US-6046838-\$ or US-5889801-\$ or US-5724178-\$).did. or (US-5473625-\$ or US-5402433-\$ or US-5325225-\$ or US-5073331-\$ or US-4987426-\$ or US-4868675-\$ or US-4819241-\$ or US-4767195-\$ or US-4663760-\$ or US-4539686-\$ or US-3925735-\$ or US-3233108-\$).did. or (JP-54012854-\$ or JP-54012853-\$ or JP-59135787-\$ or JP-05011228-\$ or JP-60233978-\$).did.	US-PGPUB; USPAT; JPO	AND	ON	2006/03/14 13:45

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	103	(transmit\$ with input\$ with buffer\$) and (laser with driver)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 15:17
S1	91	laser with driver with (imag\$8 or print\$6 or screen\$9) with communication	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/28 10:33
S2	2	("6618406").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/29 09:42
S3	17	("4709370"   "5327451"   "5736844"   "5848044"   "5883910"   "6021144"   "6037832"   "6072816"   "6111901"   "6292497").PN. OR ("6618406").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/28 10:07
S4	2	("5444728").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/28 10:33
S5	39	("4081670"   "4237427"   "4347610"   "4412331"   "4492970"   "4504951"   "4539686"   "4677632"   "4698817"   "4709370"   "4713672"   "4725854"   "4748633"   "4771431"   "4791632"   "4878066"   "4886963"   "4912714"   "4916706"   "4945541"   "5123023"   "5170403"   "5177755"   "5182756"   "5191589"   "5199038"   "5224112"   "5253267").PN. OR ("5444728").URPN.	US-PGPUB; USPAT; USOCR	AND	ON	2006/06/28 11:31
S6	0	("(resist\$withparallelwithtransmi\$with modula\$withdriv\$withlaser)").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/29 09:44
S7	2	"20040114650".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 09:48

## EAST Search History

S8	1	(resist\$ with parallel with transmi\$ with modula\$ with driv\$6 with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 10:00
S9	4	(resist\$ with parallel with transmi\$) same(modula\$ with driv\$6 with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 10:04
S10	7	(resist\$ with parallel with (line or wire or harness)) same (modula\$ with driv\$6 with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 10:18
S11	35	(resist\$ with parallel) same (modula\$ with driv\$6 with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 10:46
S12	3848	(resist\$ with parallel with transmi\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 10:19
S13	337	(resist\$ with parallel) and (modula\$ with driv\$6 with laser)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/06/29 15:13

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	24383	((volt\$4 or power) near3 supply) and modul\$7 and driv\$4 and laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 08:26
S2	22758	((volt\$4 or power) near3 supply) and modul\$7 and driv\$4 and laser and differ\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/15 15:53
S3	2	("0000372").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:50
S4	40302	("372").CLAS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/15 15:51
S5	1213	S2 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/15 15:51
S6	78	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same differ\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 08:28
S7	237	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same (more\$5 or less\$5 or great\$7 or small\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 08:39
S8	416	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same (more\$5 or less\$5 or great\$7 or small\$5 or high\$3 or low\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 10:24

## EAST Search History

S9	378	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same (more\$5 or less\$5 or great\$7 or small\$5 or high\$3 or low\$3) and (different or "same" or seperate or independ\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 08:44
S10	179	S8 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 08:45
S11	56	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same (more\$5 or less\$5 or great\$7 or small\$5 or high\$3 or low\$3) same (independ\$4 or individ\$5 or separat\$5 or different or distinct\$3 or isolat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 11:10
S12	2	("20040183891").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/16 11:02
S13	34	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same ((beneath or declin\$4 or diminish\$4 or fewer or less\$3 or limit\$3 or low\$3 or minus or reduc\$3 or subtract\$3)) same (independ\$4 or individ\$5 or separat\$5 or different or distinct\$3 or isolat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 11:18
S14	55	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same ((beneath or declin\$4 or diminish\$4 or fewer or less\$3 or limit\$3 or low\$3 or minus or reduc\$3 or subtract\$3) or (add\$3 or expand\$4 or great\$5 or high\$3 or increas\$4 or larg\$3 or numerous)) same (independ\$4 or individ\$5 or separat\$5 or different or distinct\$3 or isolat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 11:52
S15	45	((volt\$4 or power) near3 supply) same modul\$7 same driv\$4 with laser same ((beneath or declin\$4 or diminish\$4 or fewer or less\$3 or limit\$3 or low\$3 or minus or reduc\$3 or subtract\$3) or (add\$3 or expand\$4 or great\$5 or high\$3 or increas\$4 or larg\$3 or numerous)) same (independ\$4 or individ\$5 or separat\$5 or different or distinct\$3 or isolat\$3) and volt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2006/03/16 13:07